

Date: 01-06-2016

Instructions:

**KCM 8401**

**Second Year MBBS Examination**

**II MBBS Pathology Paper 1**

Time: 2 hours

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

### Section 1

#### 1. MCQs (10)

- a. Dystrophic calcification is seen in (a) Rickets (b) Hyperparathyroidism (c) Atheromatous plaque (d) Vitamin A toxicity
- b. Which, of: the following complement component can be activated in both common as well as alternative pathway. a) C1 (b) C2 (c) C3 (d) C4
- c. Bleeding time assesses (a) Extrinsic clotting pathway (b) intrinsic clotting pathway (c)

## Fibrinogen level(d) Platelet function

- d. Sick cell disease is due to (a) point mutation (b) Frame shift mutation (c) Nucleotide receptor blockage (d) Nonsequence mutation
- e. Epithelioid granuloma is caused by (a) Neutrophil (b) Cytotoxic T cell (c) Helper T cell (d) NK cell
- f. Pale infarcts are seen in all except (a) Lungs (b) Spleen (c) Kidney (d) Heart
- g. Migratory thrombophlebitis is associated with all of the following malignancies except (a) Prostate (b) Lung (c) GIT (d) Pancreas
- h. HLA typing is useful in (a) Land dispute (b) Thanatology (c) Organ Transplant (d) Dactylography
- i. The size of red cells is measured by (a) MCV (b) MCHC (c) ESR (d) MCH
- j. Leucocytosis is seen in all except (a) Brucellosis (b) Typhoid (c) Diphtheria (d) Acute Myocardial infarction

## 2. Write Short Notes on. (Two out of Three) (10)

- a. Laboratory diagnosis of hemolytic anaemia,
- b. Viral oncogenesis.
- c. Laboratory diagnosis of Genetic disorder

## 3. Write briefly on. (Four out of Five) (10)

- a. Investigation in blood Transfusion Teaction,
- b. Fresh frozen plasma
- c. Hemophilia 4,
- d. Bone Marrow biopsy.
- e. Morphological Classification of anaemi

**4. Write short Notes on. (Two Out of Three.)**  
(10)

- a. Calcification
- b. Embolism.
- c. Chronic Granulomatous inflammation,

**Section 2**

**Max Marks: 40**

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